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offlox. For instance: Grover Cleveland 25June25 means that Grover is paid up to June 25, 1825. Keep the figures in advance of the present data. Report promptly to this office when your paper is not received. All arrearages must be paid when paper is discontinued, or collection will be made in the manner provided by law. Official steps have just been taken,

without opposition, to abolish the only remaining toll road in Connecticut, the Derby turnpike. The com-pany was chartered about one hundred years ago.

It is said that Thomas A. Edison has been the subject of more biographies than any other living man. The latest, entitled "The Life and Inventions of Thomas Alva Edison," has just been issued by an English firm.

Sixty-three years ago Daniel Webster had Isaac Barrett appointed a page in the United States Senate. Fifty-two years ago the special position of doorkeeper was created for him, and he has held it since. He now has the distinction of having been in the service of this Government longer than any man living.

Expert Moore estimates that it will require about \$9,000,000 per year for the next five years for the physical needs of the Atchison railroad system. This amount is considered moderate, as it amounts to less than \$1000 per mile and includes many extraordinary expenses, such as replacing wooden with iron bridges, and contemplates putting and keeping the road up to the highest standard.

A Las Vegas (New Mexico) news-

paper calls the attention of patriotic New Mexicans to the fact that Arizona has 119 inmates in its State insane asylum, while New Mexico, with nearly three times the population of Arizona, has only fifty in its asylum. Further, Arizona's insane population has increased thirty per cent. in the last eighteen months. The newspaper urges that "the next Legislature should remedy this crying defect."

The Chicago Record states that in a very able and scholarly address de-livered before the Kansas Irrigation Association Judge J. S. Emery, of the National Irrigation Society, put forward some facts of vital interest not only to the inhabitants of arid States, but to the whole Nation. It will doubtless be a surprise to most read-ers to learn that that portion of America which may be considered as practically arid and unproductive is nearly half as big as all the United States, save Alaska. Judge Emery vouches for this fact and also for the other fact, sustained by the opinions of expert geologists, that of this enormous area 100,000,000 acres can be reclaimed by the use of proper methods of irrigation.

-----The annual report of Governor Renfrew, of Oklahoma, furnishes an interesting picture of the wholly unique American way of colonizing and State building, according to which new commonwealths grow up into the Union as naturally as a younger child is born into a family, on equal terms with the rest from the beginning, Oklahoma, it is true, is not yet a State, but it is getting ready to become one. As the Governor remarks, at the original opening of Oklahoma proper the world beheld the strange spectacle of world beheld the strange spectacle of a city of 10,000 inhabitants built in a city of 10,000 inhabitants built in a city of 10,000 inhabitants built in an attern discusse of the property as 250,000, and the value of the responder. The first of the responder to the strange of the st a city of 10,000 inhabitants built in a

High on the hill-slope sigh in dream With plumy heads in heaven; They silver the sunbeam. One broken body of a tree Stabbed through and slashed by lightnin keen. insouled and grim to see, Hangs o'er the hushed ravine. hundred masts, a hundred more, browd close against the sunset fircs. For late adventure o'er,

THE RIDDLE OF WRECK

Dark hemlocks, seventy and seven

They mingle with the spires. Where gleaming gulls to white sand of burial blown In sheets about its sleep.

The twon-has

<text>

to draw her out. He found it not easy; and that, not-withstanding the fact, **ba**d he known it, that there was in Dolly's heart an intense willingness to be drawn out by cousin Tom. But that shyness of of hers "was a fashionable barrier. She could not chatter; the thing was impossible. Her silence had been in-bred so long that it had become part of her anatomical structure; and Tom, in spite of all his convestational tal-ents and social polish, frequently found himself reduced by it to a cor-responding state. On the other hand, if Dolly could not speak, she could look. She had extremely eloquent eyes; eyes that spoke far more than her lips. Tom soon began to watch those eyes and to love them. He no longer attempted to make his consin talk; her eyes rendered conversation unnecessary. One afternoon, in the first week of

They walked on for three or four minutes. Suddenly Dolly's foot sipped. Tom, with remarkable pres-ence of mind, prevented her from fall-ing by putting his arm round her waist. That was a new experience for Dolly. It had never happened before, and she was overcome by the strange-ness of it. She didn't say anything, but she blaned very much for bend-ing down and kissing it. He should not have done it, of course; it was wrong; but the temptation was con-siderable. Dolly released herself in-diganatly, pushing him from her. They walked a short distance in awk-ward silence.

They waited a short distance in awk-ward silence.
"Dolly, are you angry with me?" No reply.
"Dolly"—very humbly—"I'm awfully sorry; but you looked so pretty that I couldn't help it."
Still a severo silence.
"Won't you forgive me, Dolly?" The gray eyes were fixed on the ground, and the pretty lips were pressed firmly together. He caught her fingers. She tried to pull them away, but it was meless.
"Won't you forgive me, Dolly?" he said again. talk; her eyes rendered conversation unnecessary. One atternoon, in the first week of January, he sanntered into his moth-er's sitting room, and there discov-ered Dolly, sitting, like the historie Miss Mufit, on a buffet in front of the fire. Her fingers were buay with some crochet work. Tom drew a chair to the fire. "Are you going out to-night, said again. Shè found her voice at length.

gasped with delight. "Oh, you are kind! But do you think auntie will

All you cold, Doily? He said. All you cold, Doily? He you cold he port you cold. All you cold, Doily? He you cold. All you cold, Doily and you cold he you you cold. All you cold, Doily and you cold. All you cold, Doily and you cold. All you cold, Doily and you cold. All you c

it is unnecessary to relate in detail. heavily, She did enjoy it immensely; and she frequently turned to Tom and thanks de "Dolly," said Tom, speaking low, "Dolly," said Tom, speaking low,

Use inluess of Diamonds. Diamond powder and chips, and even the finest dust, are of great value in the mechanical arts. Brazilian diamonds are now put to a novel and interesting use. A thin disk of steel, seven feet in diameter, has spaces at intervals of about one and one-half inclues. These spaces are filled in with pieces of steel that exactly fit, and into these are set the diamonds fixed in countersunk screw-heads. They are arranged in groups of eight, and are so placed that they do not follow one exactly after the other in the eut, but each line takes its own course. This circular saw is used for cutting up blocks of stone, and so efficient is it that in lees than two and one-half years it has to cut out four hundred and twenty thousand square feet of stone, at a cost of a trifle less than two cents a square foot. In this time it has been necessary to renew twenty of the teeth, the average cost of which has been about two dollars per tooth. —The Ledger. Rules for Gum Chewing.

Rules for Gam Chewing.

Rules for Gum Chewing. The visible working of the jaws in chewing gum is not a pleasant sight, and that it exasperates sensitive peo-ple beyond measure is not unnatural. A Buffalo coachman lost a good posi-tion the other day because he would persist in chewing gum on the box while driving. The severest criticism levelled at certam regiments of the Massachusetts National Guard at a precent inspection we that mean uni-

"Are you cold, Dolly?" he said. "Not very, thank you," she replied. THE ART OF SAW MAKING. HOW AN AMERICAN TOOL HUM-BLED A TOLEDO ELADE.

The Fine Points of a Good Handsaw

-Tempering is a Mysterlous Process-The Band Saw.

-Tempering is a Mysterious Pro-cess-The Band Saw. ME of those swords of the middle ages and the crusades are still in the uniseums of Europe, and the modern steel-makers who have examined them with trofessional criticism, while admiring their beautiful workmanship and ex-quisite art, unhesitatingly say that none of them can compare with the steel made to-day. An American manufacturer of tool steel declared that an American hand-saw was made of stronger, tougher and better steel than a famous Toledo blade exhibited in France. Ho proved his assertion, for a sword made of the swords were subjected, and then cut the Toledo blade in two without nick-ing the edge of the American sword. A good handsaw must of necessity be made of good steel. Its temper must bo such that the thin saw-blade must spring in an even eurye from youth the star. It is bent. It

must spring in an even curve from point to butt when it is bent. It point to butt when it is bent. It nust be elastic without being brittle, tough without softness, and the steel nust be of an even tempor. From good, honest steel alone can such vir-tues spring, and when a carpenter has such a saw, polished to a silver luster, rightly "hung," well "set," with the handle properly fitted to his hand, he has a treasure.

handle properly fitted to his hand, he has a treasure. The making of saws, from the tiny seroll saw blade to the long pit saw, from the diminutive bnzz saw of the dentist to the seventy-inch circular used to slice up the redwood of Cali-fornia, requires the best of raw ma-terial and the most skillful and expert of steel-workers. The best Swedish and American from only are put in the melting pots alignment, do not track, and damaged lumber results. The band saw is an endless-tooth steel belt running at a high speed over a wheel above the log and under a similar wheel beneath the log. With it the largest logs can be sliced up into boards, and, as the band saw is thinner than the circular saw, the loss of lumber in sawdust is less and more can be obtained from the log.—Chi-engo Record.

of steel-workers. The best Swedish and American irons only are put in the melting pots to make the steel, and powerful steam hammers work the ingots before they are rolled into plates, sheets and flat bars. The largets saw works in the world are near Philadelphia. The high perfection attained in the metal-workers' art is not in evidence until the saw blade or disk, after being cut to shape and having the teeth cut, reaches the tempering and hardening stage. The steel making, the "cog-ging" of the ingots under the steam hammering and the rolling mill are interesting, and so is the great shears which cuts and shaps the saw blades and circular plates for buzz saws. The teoth-outling machine is an attractive piece of mechanism, but the harden-ing and tempering are done by men, cach one an expert, a master of his art. When the saw blade reaches this You can't tell what a woman means by what she says. We can tell you what you like best ; whatever you have the least of. Time heals all troubles save one, and that it makes worse : growing old. A man with a pint of importance or-dinarily has a quart on election day. It must be micht langement to be It must be mighty lonesome to be a oman and wait for an ideal husband. Many a man is compelled to stand punishment who never fought a prize fight. No man who dobuts the worthiness of his principles can be brave in their It is hard to believe that a sin will

when the saw blade reaches this When the saw blade reaches this department it is soft. When bent it is slow to return to its original shape, and if bent beyond its elastic limit it remains bent. To make a saw of it the blade must be tempered, an l each variety of saw must have a different temper. The eirealar saw which is to go through pine logs must have a toughness, hardness and stiffness dif-ferent from the saw which is to ent up steel rails into thirty-foot lengths in a rolling-mill. Still, the process, into the belief that the tentious strut. If you really love what you believe to be a duty, oppositon only makes you stronger. Nearly any man will sign any peti-tion, or give a letter of recommenda-tion, or give a letter of recommenda-Still, the process in a rolling-mill. Still, the I the simple manipulation of th

in a rolling-mill. Still, the process, the simple manipulation of the blade and disk is about the same. The de-sired results are secured by a varia-tion in temperatures in the hardening and annealing furnaces, the time in which the blades are first hardened by be-ing heated and then suddenly cooled. The greatest care must be exercised in dipping the heated blade in the water, for if one side cools quicker than the other the unequal tension distorts the blade and it is warped. The larger the saw the more difficult is the process. The water, for the steel changes color as it cools, and when the proper tim glass. A hand, but its toughness has glass. A hanner blow will shatter the steel of the steel of the subspaced, for it is as brittle as glass. A hammer blow will shatter the steel to bits, for all its molecules are in a state of extreme tension, ready to fly apart on the slightest provection. To restore the tough-ness, the essential elasticity, the temper must be "drawn," so the blade must be heated again. Here the mysterions art of tem-

ceives that "tension" which the ham-mering gives it, but can be guaran-teed, so far as the temper is concerned. The hammering makes the blade or disk true, perfectly flat and of un form texture. Up to this point th form texture. Up to this point the blade has been of the same thickness,

extent taken the place of manual labor in grinding and polishing saws. When the saws are polished they are placed in a machine which automatically stars are fitted on and the laws are tested and packed. In some circular saws the teeth are inserted instead of being ent in the disk. The teeth with their holders are fastened in the rim of the disk so that they will not fly out when the saw is zipping through a log with its edge racing 10,000 feet a minute. Yet, when dull, the teeth can be easily removed and new ones inserted at the saw-mill. To the unobservant all saw-teeth are alike, but the saw-maker the are alike, but the saw-maker show steeth as chisel, solid, beveled, gullet, dismond, hook, lancet and secons of others. If a rip-saw is examined it will be seen that the teeth are alike, but the saw-maker in grachary deer brought, a machinery been brought, a machine will take a blank blade, and, beginning with large teeth at the but, will bite ong, which makes a band saw, has its teeth cut by machinery. The strip is fed into the machine, after each lorg who its in saws mills, for on large logs two circular saws are required, one at the botton and the other for the top, and some files again. Band saws are gradually and the other for the top, and some mills, for on large logs two circular saws are required, one at the botton and the other for the top, and some since the top the top of alignment, do not track, and damaged lumber results. extent taken the place of manual la-SCIENTIFIC AND INDUSTRIAL.

Dews are less abundant on islands and on ships in midocean. Darwin declared that insanity is not peculiar to human beings. He as-serted that animals often become in-

The earliest known attempt at an explanation of the rainbow was made by Aristotle. It was along the line of modern scientific investigation.

Many physiologists bolieve that in-sanity is a return to the habits of the wholly undeveloped man. Professor Freeman writes that at different peri-ods of insanity the action of the un-fortunate patient becomes "horribly, monkey-like."

monkey-like." Milk should be kept at a distance from every volatile substance, and milk which has stood in sick chambers should never be druuk. The power of milk to disguise the taste of drugs —as potassium, iodide, opium, salicy-late, etc.—is well known.

The depths to which the sun's rays hate, etc. -is well known. The depths to which the sun's rays penetrate water has recently been de-termined by the aid of photography. It has been tound that at a depth of 553 feet the darkness was to all in-tents and purposes the same as that on a clear but moorless night. The Canadian authorities have de-cided to test all cattle imported into the Dominion with the Koch tuber-culine lymph. "If any animal is found to be affected with tuberculosis the owner will have the alternative of taking it back to the place whence it came, or having it slaughtered with-out compensation."

came, or having if slaughtored with-out compensation." As far as is known swallows' mi-gratory flights are always carried on by day. The fact that, though warb-lers and other migrants are constantly found dead around lighthouses, hav-ing dashed themselves against the windows of the lanterns, swallows have never been known to meet their fate in this way, furnishes strong presumptive evidence of this peculiar-ity of the swallow tribe. The habit of feigning death when attacked is widespread among animals,

The habit of feigning death when attacked is wilespread among animals, and Angus Gaines has found it in the microscopic insect which produces the itch. When he touched an itch in-sect with the point of a needle it feigned death, remaining perfectly still for some time. This it did re-peatedly. The same habit of "pos-suming" has been found to character-ize several varieties of snakes.

A medical paper reports cases from Philadelphia hospitals where men who

Philadelphia hospitals where men who have recovered from electric shocks of upward of a thousand volts "felt no pain whatever." As in the reports of several of these cases it is said that the subjects moaned and writhed bethe subjects monaded and writhed be-fore recovering conscionances, it would seem to be more accurate to say that they did not recall their suf-ferings at the time they made the statement to their physician.

The Last of Her Tribe,

The last of Her Tribe, The last survivor of the Delaware Indians, who formerly owned all of the lands in thissection of New Jersoy, died a day or two ago in her humblo cottage in Southampton township, N. J., and was buried from the little Methodist chapel at Tabernacle. Her name was Ann Roberts, and she was the widow of John Roberts, a mulatto, who died a number of years ago. They had several children, some of whom are still living. A picturceque figure she was as she stood erect in front of her cabin with her long black hair streaming over her shoulders, and the neighbors all had a wholesome respect for her. She was nearly six feet in height, very muscular, and despitc her years—sho was past minety—could do a day's echopping in the woods with almost any of the men in the neighborhood.

tion, or give a letter of recommenda-tion to anybody. It is a good maxim to forgive many offenses of others before you fully ex-culpate yourself. culpate yourself. The man who is so straight that he leans backwards looks worse than the

leans backwards looks worse than the fellow that stoops. The best stimulant toward right po-litical action is a healthy interest in what is to be done. To make a well-rounded citizen the mergl agaibilities much be one with

moral sensibilities must be one with the mental faculties. It is worth remembering that Govany of the The house

WISE WORDS.

bite when it comes along with gold in its teeth.

The scholar has no place in politics if he has no money wherewith to buy

affuence. Don't allow yourself to be hoodooed nto the belief that life is only a pre-

chopping in the woods with almost any of the men in the neighborhood. The house she lived in was bought with some pension money she had secured on account of the death of one of her spasin the war. Somehow

It is worth remembering that Gov-ernments as well as individuals have rights of self-defense. What are you doing to make it easier to do right and harder to do wrong in your own town? A man who is always boasting of what he has done is not always the boldest in the hour of danger. she managed to pick up a living for herself until her last illness, when the neighbors kindle

herself until her last illness, when the neighbors kindly supplied her wants until the end came, when they gave her a Christian burial. "Indian Ann," as she was called, was the last superscript of the su

The Greater New York,

The Yosemite Park Threatened. Galen Clark, the guardian of the Josemite Valley, in his report recom-nends that much of the underbrush

in the valley be cleared out. He de-clares that the Indians by their an-nual burning over of the valley kept lown this young growth, which is

"Indian Ann," as she was called, was the last survivor of the Elgo-pillock Indians, a branch of the Dela-wares. They were assigned to a reservation in Shamoig township in 1757, where they remained for a long time prosperous and happy. Then they were removed to another tract of land in Oneida County, New York. Indian Ann's parents accompanied them, but soon became weary and returned to Burlington County, where they lived in a cabin on the Woolman farm, near Mount Holly, until their death, which occurred some time in the fifties.—Philadelphia Ledger. Wanton Destruction of Game.

Wanton Destruction of Game. Our attention has recently been arrested by a recent invention which is a menace to wild water game, and an outrage on the sentiment and prac-tice of all true sportsmen. A recently devised pneumatic boat has for its upper portion simply a circular rub-ber float, arranged into water-tight compartments, easily inflated with air. Attached to this on the under side is a pair of rubber wading boots. The operation is very easy. The boatman thrusts, his legs into the wading boots, inflates his boat with air, propels him-self with his feet; his body being con-ceided in his boat, which is covered with loose sea weed, he can easily ap-proach and mingle with the unsuspect-ing water fowl to his profit and their destruction. We do not know when we have heard of a more piratical ma-chine for the externination of our widd game. Some gunners will un-doubtedly use it, but the true sports-man never will. It might be well to mike a starget of this pirate boat and its wind loccusant whenever it makes man never will. It might be well to make a target of this pirate boat and its vandal occupant whenever it makes its appearance on the water. --Atlanta Coastitution.

The spectrum of the second second

blade has been of the same thickness, but in a saw the toothed edge must be thicker than the middle and back of the saw or the saw would have no clearance and would slick in the wood. The smiths hammer the blade thinner back of the teeth and this gives the saw that stiffness and tension which are all-important. The blade passes from this depart-ment to the polishing-rooms, where it is ground absolutely even and highly polished. Machinery has to a great nual burning over of the 'valley kept down this young growth, which is now a hindrance to tourists and an obstruction to clear views. Mr. Clark declares that there is serions danger from fire, both in the valley and in the Mariposa big tree grove. Two hotels will be open next year in the valley, the Stoneman and the Senti-nel. Upon the latter improvements have been made amounting to \$2.,-000,-New York Tribune.